

Attorney Docket No.: 5649-968

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Lee et al.

Serial No.: 10/046,805

Filed: January 14, 2002

For: METHODS OF FORMING METAL LAYERS IN INTEGRATED CIRCUIT
DEVICES USING SELECTIVE DEPOSITION ON EDGES OF RECESSES AND
CONDUCTIVE CONTACTS SO FORMED

January 9, 2004

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §1.97(c)

Sir:

Attached is a list of documents on form PTO-1449 together with a copy of each identified document.

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(c), before final Office Action or Allowance, whichever is earlier.

In accordance with the requirements of 37 C.F.R. § 1.97(c)(2), we submit the \$180.00 fee specified in 37 C.F.R. § 1.17(p) by authorizing the Commissioner to charge the fee to Deposit Account No. 50-0220. This amount is believed to be correct. However, the Commissioner is also authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,


Robert N. Crouse
Registration No. 44,635Myers Bigel Sibley & Sajovec, P.A.
P. O. Box 37428
Raleigh, North Carolina 27627
Telephone: (919) 854-1400
Facsimile: (919) 854-1401
Customer No. 20792

n re: Lee et al.

Serial No.: 10/046,805

Filed: January 14, 2002

Page 2

Certificate of Mailing under 37 CFR 1.8 (or 1.10)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 9, 2004.



Audra Wooten

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				Attorney Docket Number: 5649-968		Serial No.: 10/046,805	
				Applicants: Lee et al.			
				Filing Date: Concurrently Herewith		Group: Unknown	
U. S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1	4,902,533	02-20-90	White et al.	427	99	
	2	4,963,511	10-16-90	Smith	437	192	
	3	5,312,773	05-17-94	Nagashima	437	190	
	4	5,589,425	12-31-96	Hoshino et al.	427	250	
	5	5,604,153	02-18-97	Tsubouchi et al.	437	173	
	6	6,133,147	10-17-00	Rhee et al.	438	677	
	7	6,245,655	06-12-01	Moslehi	438	612	
	8	2002/0030210	03-14-02	Matsui et al.	257	296	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	9	EP0831523	03-25-98	EPO			
	10	JP07-167340	04-07-95	Japan			X/Abstract
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							

EXAMINER

DATE CONSIDERED

*EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.